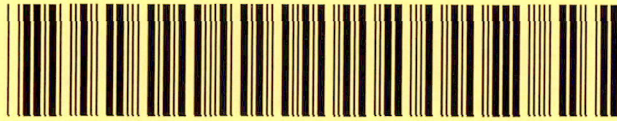


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Site Name B & C GROCERY

DocumentType Site Assessment Rpt (SAR)

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Division WASTE MANAGEMENT

Section SUPERFUND

Program IHS (IHS)

DocCat FACILITY



March 5, 2008

Charlie Whittemore
B & C Grocery
942 E. Harden Street
Graham, NC 27253

Reference: Limited Site Assessment
 B & C Grocery
 942 E. Harden Street
 Graham, NC

Dear Mr. Whittemore:

In accordance with the requirements of a correspondence from the North Carolina Department of Environment and Natural Resources (NCDENR), contained herein is a Limited Site Assessment for the release which occurred at the above referenced facility. These activities have been conducted following the release of petroleum which occurred in the vicinity of one (1) 3,000 gallon gasoline underground storage tank (UST) and associated piping and dispensers. All activities were conducted in accordance with NCDENR guidelines and the requirements of 15A NCAC 2L .0115.

Mr. Whittemore, if you have questions regarding this report please contact our office.

Sincerely,

A handwritten signature in cursive script that reads 'Brandon Moore'.

Brandon Moore, L.G.
Paragon Environmental Consultants, Inc.

R08-766A

LIMITED SITE ASSESSMENT (PHASE I)

**B & C Grocery
942 E. Harden Street
Graham, North Carolina**

1.0. - SITE HISTORY AND SOURCE CHARACTERIZATION

Charlie Whittemore owns a facility referred to as B & C Grocery at 942 E. Harden Street in Graham, NC. The location of the project site is illustrated on the partial Burlington Quadrangle U.S.G.S. Topographic Map which is included as Figure 1. One (1) 3,000 gallon gasoline underground storage tank (UST) formerly in operation at this facility. The UST was removed from the subject site in September of 2007. The location of the UST and the site layout are illustrated in Figure 2. Information regarding the ownership of the regulated UST which was formerly located at this facility is contained in Table 1. A release was detected from the UST system by the analyses of soil samples collected during the tank closure activities.

2.0 - RISK CHARACTERIZATION AND LAND USE FORM

Part I Groundwater/Surface water/Vapor impact
High Risk

1. Has discharge or release contaminated any water supply wells including any used for non-drinking purposes?

NO
2. Is a water supply well used for drinking water located within 1,000 feet of the source area the discharge or release?

YES
3. Is a water supply well used for any purpose (e.g., irrigation, washing cars, industrial cooling water, filling swimming pools) located within 250 feet of the source area of the discharge or release?

NO
4. Does groundwater within 500 feet of the source area of the discharge or release have the potential for future use in that there is no other source of water supply other than the groundwater?

NO

5. Do vapors from the discharge or release pose a threat of explosion because of accumulation of the vapors in a confined space or pose any other serious threat to public health, public safety or the environment?

NO

6. Are there any factors that would cause the discharge or release to pose an imminent danger to public health, public safety or the environment?

NONE KNOWN

Intermediate Risk

7. Is a surface body located within 500 feet of the source area of the discharge or release?

YES

If yes, does the maximum groundwater contaminant concentration exceed the surface water quality standards and criteria found in 15A NCAC 2B .0200 by a factor of 10?

NO

8. Is the source area of the discharge or release located within a designated wellhead protection area as defined in 42 USC 300h-7(e)?

NO

9. Is the discharge or release located in the Coastal Plain physiographic region as designated on a map entitled "Geology of North Carolina" published by the Department in 1985?

NO

If yes, is the source area of the discharge or release located in an area in which there is recharge to an unconfined or semi-confined deeper aquifer that is being used or may be used as a source of drinking water?

N/A

10. Do the levels of groundwater contamination for any contaminant exceed the gross contamination levels established (see Table 7 in guidelines) by the department?

NO

Part II-Land Use

Property containing Source Area of Discharge or Release

The questions below pertain to the property containing the source area of the release.

1. Does the property contain one or more primary or secondary residences (permanent or temporary)?

NO

2. Does the property contain a school, daycare center, hospital, playground, park, recreation area, church, nursing home, or other place of public assembly?

NO

3. Does the property contain a commercial (e.g., retail, warehouse, office/business space, etc.) or industrial (e.g., manufacturing, utilities, industrial research and development, chemical/petroleum bulk storage, etc.) enterprise, an inactive commercial or industrial enterprise, or is the land undeveloped?

YES, THE PROPERTY CONTAINS A GROCERY STORE

4. Do children visit the property?

YES

Explain. CHILDREN MAY VISIT THE STORE

5. Is access to the property reliably restricted consistent with its use?

YES

6. Do pavement, buildings, or other structures cap the contaminated soil?

YES

If yes, what mechanisms are in place or can be put into place to insure that the contaminated soil will remain capped in the foreseeable future?

THE ASPHALT PARKING AREA WILL REMAIN IN PLACE

7. What is the zoning status of the property?

COMMERCIAL

8. Is the use of the property likely to change in the next 20 years?

NO

Property Surrounding Source Area of Discharge or Release.

9. What is the distance from the source area of the release to the nearest primary or secondary residence (permanent or temporary)?

200 FEET

10. What is the distance from the source area of the release to the nearest school, daycare center, hospital, playground, park, recreation area, church, nursing home, or other place of public assembly?

A GOLF COURSE IS LOCATED APPROXIMATELY 6,000 FEET TO THE SOUTHEAST

11. What is the zoning status of properties in the surrounding areas?

RESIDENTIAL / COMMERCIAL

12. Briefly characterize the use and activities of the land in the surrounding area.

RESIDENTIAL / COMMERCIAL

3.0 - RECEPTOR INFORMATION

3.1 Water Supply Wells

A supply well survey has been conducted within a radius of 1,500 feet from the release area. During this reconnaissance eleven (11) water supply wells were found to be located within this radius, and eight (8) of these were located within 1,000 feet. The subject address is connected to public water supplies; however, the residence behind the store building is utilizing a supply well for consumption. Figure 3 illustrates the locations of the supply wells within 1,500 feet, and Table 2 lists the well owners and addresses for the wells within 1,000 feet of the release source.

3.2 Public Water Supplies

Public water supplies as provided by the City of Graham are available to the majority of the properties within a radius of 1,500 feet from 942 E. Harden Street.

3.3 Surface Water

The partial U.S.G.S. map included as Figure 1 indicates that surface waters in the vicinity of the release area generally drain towards an unnamed stream which is located approximately 200 feet to the east of the release area. This unnamed stream feeds into the Haw River which is located southeast of the release area. This stream is a tributary of the Cape Fear River Drainage Basin.

3.4 Wellhead Protection Areas

No wellhead protection areas are known to exist within the area of this release.

3.5 Deep Aquifers in the Coastal Plain Physiographic Region

This release is not located in the coastal plain.

3.6 Subsurface Structures

No subsurface utility lines are located within the petroleum affected area at this facility. The store building located on the impacted property does not have a basement; however, subsurface utilities are present in the form of a water line and a sewer line. Figure 4 illustrates the locations of all known subsurface utilities.

3.7 Land Use

The possibility of human exposure to soil contamination at B & C Grocery is minimal. The contaminated soils are situated several feet below the land surface and are covered with an asphalt cover. The facility lies within a primarily residential area.

3.8 Property Owners and Occupants

Figure 5 illustrates the surrounding properties, and Table 3 contains information regarding the adjacent property owners. This information was obtained from the Alamance County Tax Department's records.

4.0 - SITE GEOLOGY AND HYDROGEOLOGY

4.1 Site Geology

The site is situated in the Piedmont Region of the North Carolina Slate Belt. According to the Geological Map of North Carolina local bedrock geology of the region consists of Late Proterozoic to Cambrian aged metamorphosed granitic bedrock. Competent bedrock was encountered in the source monitor well at a depth of 7 feet below grade and was present to a depth of 42 feet which was the total depth of the monitor well boring.

4.2 Soils Investigation

The soils at the project site consist of clay and silt of varying proportions, and competent bedrock is present at depths ranging from approximately 6 feet to 8 feet below land surface. A soil boring log for the boring advanced for monitor well installation at the site is contained as Appendix A.

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Table 3:	Adjacent Property Owners
Table 4:	Summary of Soil Laboratory Analytical Results
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Table 6:	Summary of Groundwater Laboratory Analytical Results

APPENDICES

Appendix A:	Soil Boring Log
Appendix B:	Soil Analytical Results
Appendix C:	Well Construction Record
Appendix D:	Standard Operating Procedures
Appendix E:	Groundwater Analytical Results

According to the analytical results eight compounds were detected above the laboratory detection limits by Method 8260 in the in-situ soil samples. All of the detected compounds were reported at concentrations which were below the Residential Standards. The soil samples labeled as NW #3, SW #4, and WW showed VPH carbon fraction classes above the laboratory detection limits but below the Residential Standards. All of the other soil samples were below the laboratory detection limits for all fraction classes by VPH.

No additional soil samples were collected since only competent bedrock was encountered beneath the backfill material at this facility. Figure 6 illustrates the locations of all soil samples collected from 942 E. Harden Street in Graham, NC, and the analytical results for the "Risk-Based" soil samples are summarized in Table 4. A copy of the laboratory analytical report and the chain of custody record for the soil samples collected from B & C Grocery is contained in Appendix B.

5.0 - SAMPLING RESULTS

5.1 Monitor Well Installation

One North Carolina Type II groundwater monitoring well has been installed at the site. Figure 7 illustrates the site layout and the location of the monitor well, labeled as MW-1. The monitoring well was constructed of 2-inch Schedule 40 PVC pipe with 30 feet of 0.010 inch slotted screen. Based on the assumption that the contaminants being addressed were primarily hydrocarbon constituents with specific gravities of less than 1.0, the groundwater monitoring well was installed so that the screened interval intersected the shallow groundwater table at the time of installation. Table 5 summarizes the monitoring well information and groundwater elevation as measured on January 10, 2008, and Appendix C contains a well construction record for the monitor well installed at the project site.

5.2 Groundwater Analyses

Following installation the monitoring well was developed and sampled in accordance with Paragon's Standard Operating Procedures which are contained as Appendix D. The groundwater sample was submitted to Meritech, Inc. for laboratory analyses according to EPA Method 6210D including MTBE and IPE. The samples were also analyzed by MADEP methods for VPH and Method 3030C for Lead.

The analytical results for monitor well MW-1 reported all petroleum related compounds below the current listed 2L Standards. BTEX was below the laboratory detection limits, and MTBE and IPE were both significantly below the 2L Standards. Tetrachloroethene was detected at 1.51 micrograms per liter (ug/L), and Trichloroethene was detected at 4.84 ug/L in the monitor well sample. These two compounds have 2L Standards of 0.7 ug/L and 2.8 ug/L, respectively. These compounds are chlorinated solvents not normally associated with gasoline releases and are most likely present in the bedrock from an off-site source. All three VPH carbon fraction classes and Lead by Method 3030C were below the laboratory detection limits in the monitor well sample. Table 6 summarizes the groundwater analytical results, and Appendix E contains a copy of the laboratory analytical report and the chain of custody record.

6.0 - CONCLUSIONS AND RECOMMENDATIONS

6.1 General Summary

Limited Site Assessment activities at B & C Grocery have been completed. From a review of all information gathered during this project, Paragon Environmental Consultants, Inc. makes the following conclusions:

- o A petroleum release of unknown quantity has occurred at this site. All contaminated soils in excess of the Residential Standards were excavated from the site on September 7 and 11, 2007 by OK Enterprises, Inc.
- o One shallow groundwater monitoring well was constructed at the site during this investigation. Free product was not observed in the monitor well.
- o The analytical results for the groundwater sample indicated no gasoline related compounds above the 2L Standards at this facility.

6.2 Recommendations

Based upon a review of all information gathered during this project, Paragon makes the following recommendations:

- o The Winston-Salem Regional Office should make a determination on the necessity for any further assessment activities since the chlorinated solvents present in the monitor well sample should not be related to a petroleum release. Paragon is requesting a notice of No Further Action since no compounds related to the gasoline release are above the applicable standards.
- o A copy of this report should be forwarded to the following address:

Winston-Salem Regional Office - NCDENR
585 Waughtown Street
Winston-Salem, NC 27107

6.3 Limitations

This report has been prepared for the exclusive use of B & C Grocery for the specific application to the referenced site located in Alamance County, North Carolina. The evaluation was conducted based on the scope of work and level of effort desired by the client and with resources adequate only for the scope of work. Our findings have been developed in accordance with generally accepted standards for Limited Site Assessments in the State of North Carolina, available information and our professional judgment. No other warranty is expressed or implied.

The data presented in this report are indicative of conditions at the precise locations sampled and the time the sample was collected. Additionally, the data obtained from the samples would be interpreted as meaningful with respect to the parameters in the laboratory reports. No additional information can be logically inferred from this data.

FIGURES

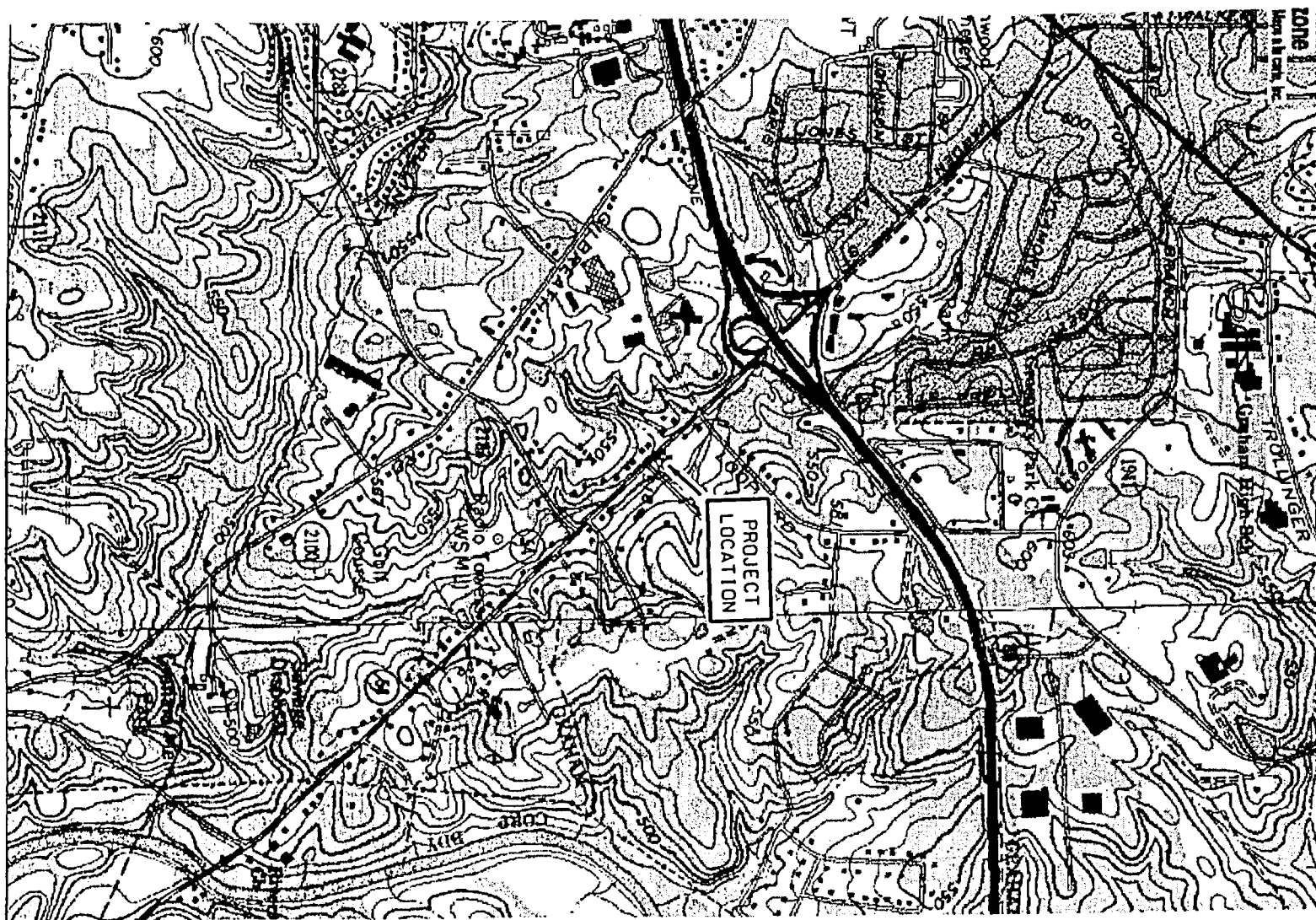
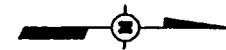


FIGURE 1

SCALE: 1"=2000'
DATE: 2/11/08
DWN. BY: KBM
DWG. NO. L07-143Z

TITLE:
PROJECT LOCATION
U.S.G.S. TOPO MAP
BURLINGTON QUADRANGLE

PROJECT:
LSA
942 E. HARDEN STREET
GRAHAM, NC

CLIENT:
B & C GROCERY
GRAHAM, NC



PARAGON
ENVIRONMENTAL
CONSULTANTS, INC.
THOMASVILLE, NORTH CAROLINA

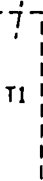
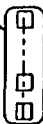
FIGURE 2

E. HARDEN STREET

GRASS

ASPHALT

FORMER
DISPENSER
ISLAND

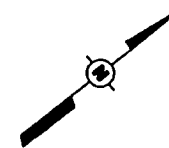


FORMER UST
LOCATION

ASPHALT

STORE

ASPHALT



LEGEND

SCALE

0' 10' 20'

----- U/G PRODUCT PIPING

UNDERGROUND STORAGE TANK

TANK #	SIZE	CONTENTS	DIAMETER	LENGTH
1	3,000	GASOLINE	64"	18'

SCALE: 1"=20'
DATE: 2/11/08
DWN. BY: KBM
DWG. NO. L07-143

TITLE:
SITE LAYOUT AND
FORMER UST LOCATION

PROJECT:
LSA
942 E. HARDEN STREET
GRAHAM, NC

CLIENT:
B & C GROCERY
GRAHAM, NC


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THOMASVILLE, NORTH CAROLINA

FIGURE 3

1,500' RADIUS

1,000' RADIUS

RELEASE
SOURCE

SW3

SW1

SW4

SW5

SW2

SW6

SW8

SW7

SW9

SW10

SW11

WOODY DRIVE

WHITEMORE ROAD

E. HARDEN ST. (HWY 54)

IVEY ROAD

SUNSET DRIVE

LEGEND

SCALE

0' 200' 400'

● SUPPLY WELL LOCATION

SCALE: 1"=400'

DATE: 3/3/08

DWN. BY: KBM

DWG. NO. L07-143X

TITLE:

SUPPLY WELL LOCATIONS MAP

PROJECT:

LSA
942 E. HARDEN STREET
GRAHAM, NC

CLIENT:

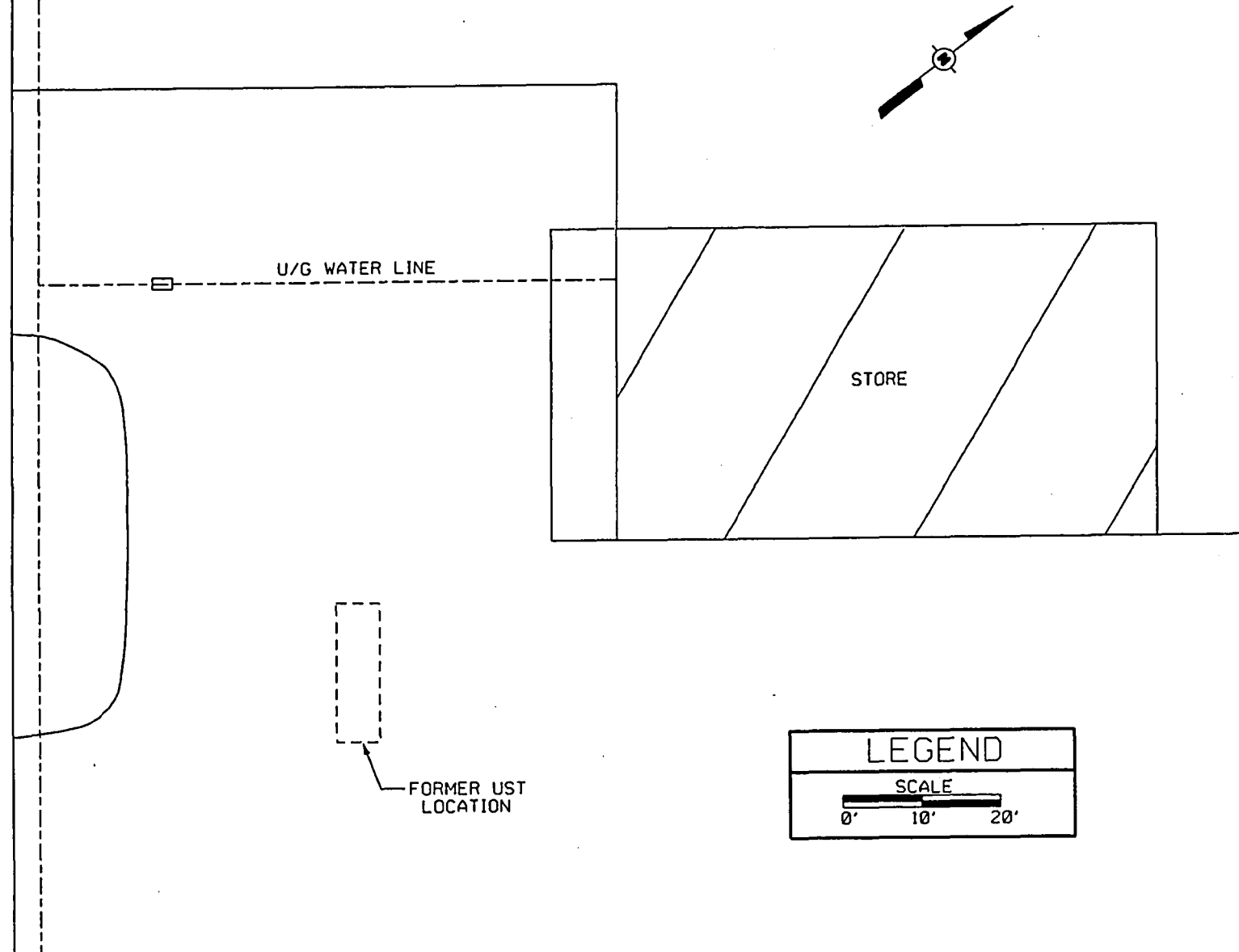
B & C GROCERY
GRAHAM, NC



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CONSULTANTS, INC.
THOMASVILLE, NORTH CAROLINA

FIGURE 4

E. HARDEN STREET



SCALE: 1"=20'
 DATE: 2/11/08
 DWN. BY: KBM
 DWG. NO. L07-1430

TITLE:
 SUBSURFACE UTILITIES MAP

PROJECT: LSA
 942 E. HARDEN STREET
 GRAHAM, NC

CLIENT: B & C GROCERY
 GRAHAM, NC


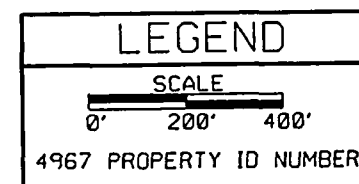
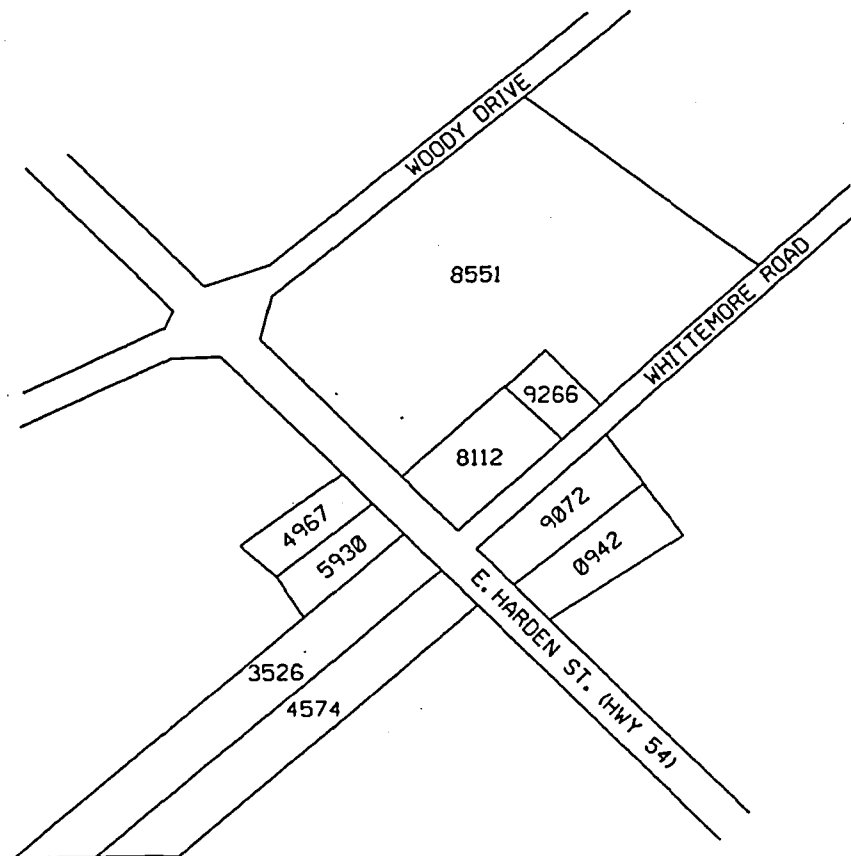
 PARAGON
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FIGURE 5



SCALE:	1"=400'
DATE:	3/3/08
DWN. BY:	KBM
DWG. NO.	L07-143Y

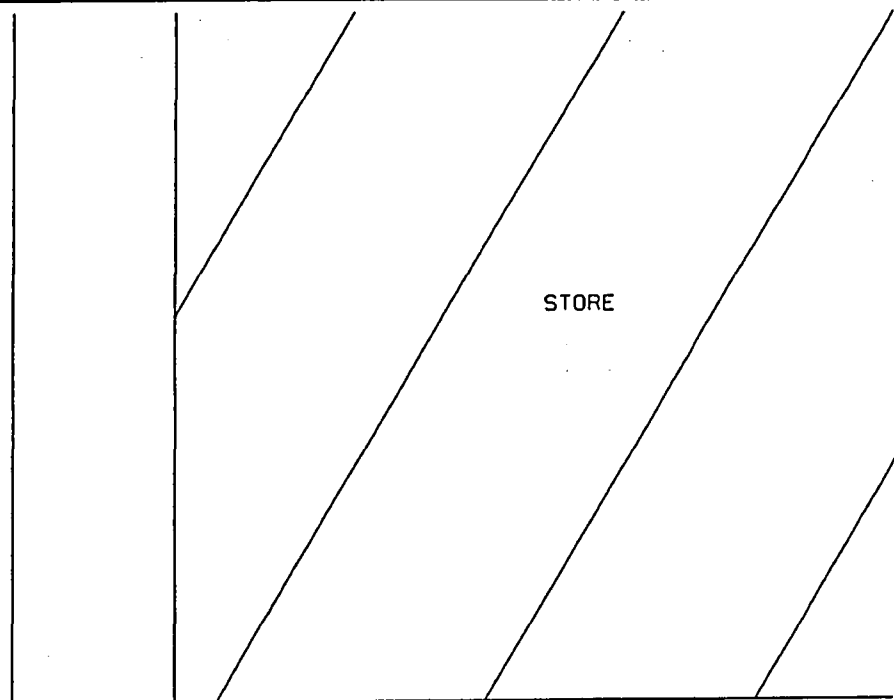
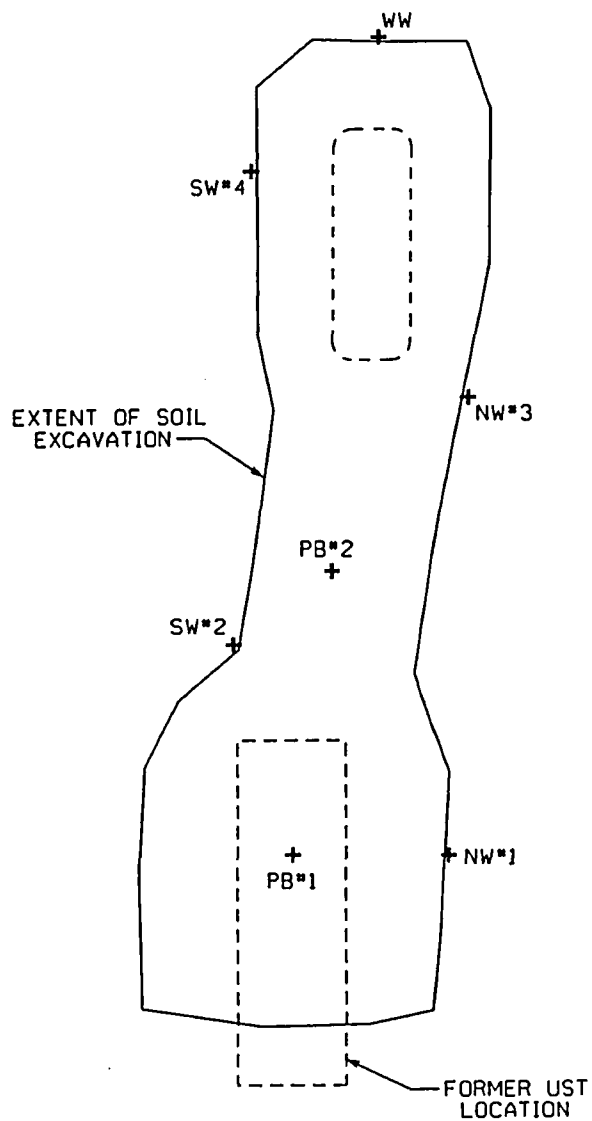
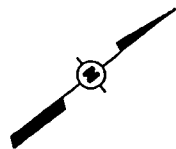
TITLE:	ADJACENT PROPERTIES MAP
--------	-------------------------

PROJECT:	LSA 942 E. HARDEN STREET GRAHAM, NC
----------	---

CLIENT:	B & C GROCERY GRAHAM, NC
---------	-----------------------------

	PARAGON ENVIRONMENTAL CONSULTANTS, INC. THOMASVILLE, NORTH CAROLINA
--	--

FIGURE 6



LEGEND	
SCALE	
+ SOIL SAMPLE LOCATION	

SCALE:	1"=10'
DATE:	2/11/08
DWN. BY:	KBM
DWG. NO.	L07-143B

TITLE:	SITE LAYOUT AND SOIL SAMPLE LOCATIONS
--------	--

PROJECT:	LSA 942 E. HARDEN STREET GRAHAM, NC
----------	---

CLIENT:	B & C GROCERY GRAHAM, NC
---------	-----------------------------


 PARAGON ENVIRONMENTAL CONSULTANTS, INC. THOMASVILLE, NORTH CAROLINA
--

FIGURE 7

E. HARDEN STREET

FORMER
DISPENSER
ISLAND

MW-1

STORE

FORMER UST
LOCATION

LEGEND

SCALE

0' 10' 20'


⊕ MONITOR WELL LOCATION

SCALE: 1"=20'
DATE: 2/11/08
DWN. BY: KBM
DWG. NO. L07-143C

TITLE:
SITE LAYOUT AND
MONITOR WELL LOCATION

PROJECT:
LSA
942 E. HARDEN STREET
GRAHAM, NC

CLIENT:
B & C GROCERY
GRAHAM, NC

 PARAGON
ENVIRONMENTAL
CONSULTANTS, INC.
THOMASVILLE, NORTH CAROLINA

TABLES

TABLE 1: SITE HISTORY

**B & C GROCERY
942 E. HARDEN STREET
GRAHAM, NORTH CAROLINA**

Property Ownership:

B & C Grocery
942 E. Harden Street
Graham, NC 27253

UST Ownership:

Same as property owner

UST Information:

Tank No	Installation Date	Size (Gal)	Closure Date	UST Status	Tank Contents
T1	1994	4,000	September 6, 2007	Removed	Gasoline

M08-766H

TABLE 2**WATER SUPPLY WELL INFORMATION
1,000' RADIUS****B & C Grocery
Graham, North Carolina**

Well Identification	SW-1	SW-2	SW-3	SW-4
Owner Name	Linda C. Boggs	Marion Whittemore	Linda C. Boggs	Linda C. Boggs
Owner Address	701 Trails End Drive Graham, NC 27253	949 E. Harden Street Graham, NC 27253	701 Trails End Drive Graham, NC 27253	701 Trails End Drive Graham, NC 27253
Telephone #	Not Available	Not Available	Not Available	Not Available
Use of Well	Out of Service	Consumption	Out of Service	Out of Service
Depth of Well	Unknown	Unknown	Unknown	Unknown
Type of Well	Unknown	Unknown	Unknown	Unknown
Well Yield	Unknown	Unknown	Unknown	Unknown
Depth of Casing	Unknown	Unknown	Unknown	Unknown
Well Screen Interval	Unknown	Unknown	Unknown	Unknown
Feet from Source	240'	275'	350'	370'

X08-766C

TABLE 4
Summary of Soil Laboratory Analytical Results

B & C Grocery
Graham, North Carolina

Constituent	NW #1	SW#2	PB#1	PB#2	NW#3	SW #4	WW	Residential Standard
Date	9/7/2007	9/7/2007	9/7/2007	9/7/2007	9/11/2007	9/11/2007	9/11/2007	
Method: 8260 (mg/kg)								
Benzene	BDL	BDL	BDL	BDL	0.04	BDL	BDL	22
n-Butylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	626
sec-Butylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	626
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	0.286	1,560
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1,564
p-Isopropyltoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NSE
Naphthalene	BDL	BDL	BDL	BDL	0.04	0.354	0.775	313
n-Propylbenzene	BDL	BDL	BDL	BDL	0.012	0.31	BDL	626
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	0.33	0.474	782
1,3,5-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	0.38	1.62	782
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	0.31	3,200
Xylenes (total)	BDL	BDL	BDL	BDL	BDL	BDL	1.762	3,129
IPE	BDL	BDL	BDL	BDL	0.008	BDL	BDL	0.37
MTBE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.92
Aliphatic Fraction Classes (mg/kg)								
C5-C8 Volatile Aliphatics	BDL	BDL	BDL	BDL	BDL	104	BDL	939
C9-C12 Volatile Aliphatics	BDL	BDL	BDL	BDL	28.3	115	17.4	NSE
C9-C18 Extractable Aliphatics	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NSE
C9-C18 Aliphatics (total)	BDL	BDL	BDL	BDL	28.3	115	17.4	9,386
C19-C36 Extractable Aliphatics	N/A	N/A	N/A	N/A	N/A	N/A	N/A	93,860
Aromatic Fraction Classes (mg/kg)								
C9-C10 Volatile Aromatics	BDL	BDL	BDL	BDL	BDL	35.9	BDL	NSE
C11-C22 Extractable Aromatics	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NSE
C9-C22 Aromatics (total)	BDL	BDL	BDL	BDL	BDL	35.9	BDL	469

BDL = Below Detection Limits

N/A = Not Analyzed

NSE = No Standard Established

X08-766

TABLE 5

Monitoring Well Information and Groundwater Elevations

B & C Grocery
Graham, North Carolina

Well Number	Top of Casing Elevation	Top of Screen Elevation	Bottom of Screen Elevation	Depth to Water	Groundwater Elevation
MW-1	100.00	88.00	58.00	8.26	91.74

Note: All measurements taken in feet and based on an arbitrary benchmark of 100.00 feet; groundwater levels measured on January 10, 2008.

X08-766B

TABLE 6
Summary of Groundwater Analytical Results
B & C Grocery
Graham, North Carolina

Constituent	TW-1	2L Standard
Date	1/10/2008	
Method 6210D (ug/L)		
Benzene	BDL	1
Toluene	BDL	1,000
Ethylbenzene	BDL	29
Xylenes (total)	BDL	530
BTEX (total)	BDL	NSE
cis-1,2-Dichloroethene	2.82	70
Tetrachloroethene	1.51	0.7
Trichloroethene	4.84	2.8
MTBE	10.4	200
IPE	5.78	70
Method 3030C (ug/L)		
Lead	BDL	15
Aliphatic Fraction Classes (ug/L)		
C5-C8 Volatile Aliphatics	BDL	420
C9-C12 Volatile Aliphatics	BDL	NSE
C9-C18 Extractable Aliphatics	N/A	4,200
C9-C18 Aliphatics (total)	BDL	4,200
C19-C36 Extractable Aliphatics	N/A	42,000
Aromatic Fraction Classes (ug/L)		
C9-C10 Volatile Aromatics	BDL	NSE
C11-C22 Extractable Aromatics	N/A	NSE
C9-C22 Aromatics (total)	BDL	210

BDL = Below Detection Limits
NSE = No Standard Established

X08-766A

APPENDIX A

SOIL BORING LOG

Paragon Environmental Consultants, Inc.

Comments:

X94-200

APPENDIX B

SOIL ANALYTICAL RESULTS



MERITECH, INC.

Environmental Laboratories

A Division of Water Technology and Controls, Inc.

Client:	Paragon Environmental Consultants, Inc.	Meritech ID#:	091207128
Project:	P-766B B & C Grocery	Analysis:	09/19/07
Client Sample ID:	North Wall #1 (NW1)	Analyst:	VWV
Sample Collection:	09/07/07	Dilution:	1

SW846-8260/5035 VOLATILE ORGANICS - Soil

Benzene	< 0.005 mg/kg	cis-1,3-Dichloropropene	< 0.005 mg/kg
Bromobenzene	< 0.005 mg/kg	trans-1,3-Dichloropropene	< 0.005 mg/kg
Bromodichloromethane	< 0.005 mg/kg	Ethyl benzene	< 0.005 mg/kg
Bromochloromethane	< 0.005 mg/kg	Hexachlorobutadiene	< 0.005 mg/kg
Bromoform	< 0.005 mg/kg	Isopropylbenzene	< 0.005 mg/kg
Bromomethane	< 0.025 mg/kg	p-Isopropyltoluene	< 0.005 mg/kg
n-Butylbenzene	< 0.005 mg/kg	Methylene chloride	< 0.005 mg/kg
sec-Butylbenzene	< 0.005 mg/kg	Naphthalene	< 0.005 mg/kg
tert-Butylbenzene	< 0.005 mg/kg	n-Propylbenzene	< 0.005 mg/kg
Carbon Tetrachloride	< 0.005 mg/kg	Styrene	< 0.005 mg/kg
Chlorobenzene	< 0.005 mg/kg	1,1,1,2-Tetrachloroethane	< 0.005 mg/kg
Chloroethane	< 0.025 mg/kg	1,1,2,2-Tetrachloroethane	< 0.005 mg/kg
Chloroform	< 0.005 mg/kg	Tetrachloroethene	< 0.005 mg/kg
Chloromethane	< 0.025 mg/kg	Toluene	< 0.005 mg/kg
2-Chlorotoluene	< 0.005 mg/kg	1,1,1-Trichloroethane	< 0.005 mg/kg
4-Chlorotoluene	< 0.005 mg/kg	1,1,2-Trichloroethane	< 0.005 mg/kg
Dibromochloromethane	< 0.005 mg/kg	Trichloroethene	< 0.005 mg/kg
1,2-Dibromo-3-chloropropane	< 0.005 mg/kg	1,2,3-Trichlorobenzene	< 0.005 mg/kg
1,2-Dibromoethane (EDB)	< 0.005 mg/kg	1,2,4-Trichlorobenzene	< 0.005 mg/kg
Dibromomethane	< 0.005 mg/kg	1,2,3-Trichloropropane	< 0.005 mg/kg
Dichlorodifluoromethane	< 0.025 mg/kg	Trichlorofluoromethane	< 0.025 mg/kg
1,1-Dichloroethane	< 0.005 mg/kg	1,2,4-Trimethylbenzene	< 0.005 mg/kg
1,2-Dichloroethane	< 0.005 mg/kg	1,3,5-Trimethylbenzene	< 0.005 mg/kg
1,4-Dichlorobenzene	< 0.005 mg/kg	Vinyl chloride	< 0.025 mg/kg
1,2-Dichlorobenzene	< 0.005 mg/kg	m/p-Xylenes	< 0.010 mg/kg
1,3-Dichlorobenzene	< 0.005 mg/kg	o-Xylene	< 0.005 mg/kg
1,1-Dichloroethene	< 0.005 mg/kg		
cis-1,2-Dichloroethene	< 0.005 mg/kg	<u>Additional Compounds</u>	
trans-1,2-Dichloroethene	< 0.005 mg/kg		
1,2-Dichloropropane	< 0.005 mg/kg	MTBE	< 0.025 mg/kg
1,3-Dichloropropane	< 0.005 mg/kg	IPE	< 0.025 mg/kg
2,2-Dichloropropane	< 0.005 mg/kg		
1,1-Dichloropropene	< 0.005 mg/kg		
1,2-Dichloropropene	< 0.005 mg/kg		

I hereby certify that I have reviewed and approve these data.

642 Tamco Road * Reidsville, NC 27320
(336) 342-4748 Ph * (336) 342-1522 Fax

W. P. Stah
Laboratory Representative



MERITECH, INC.

Environmental Laboratories

A Division of Water Technology and Controls, Inc.

Client:
Project:
Client Sample ID:
Sample Collection:

Paragon Environmental Consultants, Inc.
P-766B B & C Grocery
North Wall #3 (NW#3)
09/11/07

Meritech ID#: 091207136
Analysis: 09/21/07
Analyst: VWV
Dilution: 1

SW846-8260/5035 VOLATILE ORGANICS - Soil

Benzene	0.040 mg/kg	cis-1,3-Dichloropropene	< 0.005 mg/kg
Bromobenzene	< 0.005 mg/kg	trans-1,3-Dichloropropene	< 0.005 mg/kg
Bromodichloromethane	< 0.005 mg/kg	Ethyl benzene	< 0.005 mg/kg
Bromochloromethane	< 0.005 mg/kg	Hexachlorobutadiene	< 0.005 mg/kg
Bromoform	< 0.005 mg/kg	Isopropylbenzene	< 0.005 mg/kg
Bromomethane	< 0.025 mg/kg	p-Isopropyltoluene	< 0.005 mg/kg
n-Butylbenzene	< 0.005 mg/kg	Methylene chloride	< 0.005 mg/kg
sec-Butylbenzene	< 0.005 mg/kg	Naphthalene	0.041 mg/kg
tert-Butylbenzene	< 0.005 mg/kg	n-Propylbenzene	0.012 mg/kg
Carbon Tetrachloride	< 0.005 mg/kg	Styrene	< 0.005 mg/kg
Chlorobenzene	< 0.005 mg/kg	1,1,1,2-Tetrachloroethane	< 0.005 mg/kg
Chloroethane	< 0.025 mg/kg	1,1,2,2-Tetrachloroethane	< 0.005 mg/kg
Chloroform	< 0.005 mg/kg	Tetrachloroethene	< 0.005 mg/kg
Chloromethane	< 0.025 mg/kg	Toluene	< 0.005 mg/kg
2-Chlorotoluene	< 0.005 mg/kg	1,1,1-Trichloroethane	< 0.005 mg/kg
4-Chlorotoluene	< 0.005 mg/kg	1,1,2-Trichloroethane	< 0.005 mg/kg
Dibromochloromethane	< 0.005 mg/kg	Trichloroethene	< 0.005 mg/kg
1,2-Dibromo-3-chloropropane	< 0.005 mg/kg	1,2,3-Trichlorobenzene	< 0.005 mg/kg
1,2-Dibromoethane (EDB)	< 0.005 mg/kg	1,2,4-Trichlorobenzene	< 0.005 mg/kg
Dibromomethane	< 0.005 mg/kg	1,2,3-Trichloropropane	< 0.005 mg/kg
Dichlorodifluoromethane	< 0.025 mg/kg	Trichlorofluoromethane	< 0.025 mg/kg
1,1-Dichloroethane	< 0.005 mg/kg	1,2,4-Trimethylbenzene	< 0.005 mg/kg
1,2-Dichloroethane	< 0.005 mg/kg	1,3,5-Trimethylbenzene	< 0.005 mg/kg
1,4-Dichlorobenzene	< 0.005 mg/kg	Vinyl chloride	< 0.025 mg/kg
1,2-Dichlorobenzene	< 0.005 mg/kg	m/p-Xylenes	< 0.010 mg/kg
1,3-Dichlorobenzene	< 0.005 mg/kg	o-Xylene	< 0.005 mg/kg
1,1-Dichloroethene	< 0.005 mg/kg		
cis-1,2-Dichloroethene	< 0.005 mg/kg	<u>Additional Compounds</u>	
trans-1,2-Dichloroethene	< 0.005 mg/kg		
1,2-Dichloropropane	< 0.005 mg/kg	MTBE	< 0.025 mg/kg
1,3-Dichloropropane	< 0.005 mg/kg	IPE	< 0.025 mg/kg
2,2-Dichloropropane	< 0.005 mg/kg		
1,1-Dichloropropene	< 0.005 mg/kg		
1,2-Dichloropropene	< 0.005 mg/kg		

I hereby certify that I have reviewed and approve these data.

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U. P. Sale
Laboratory Representative



MERITECH, INC.

Environmental Laboratories

A Division of Water Technology and Controls, Inc.

Client:
Project:
Client Sample ID:
Sample Collection:

Paragon Environmental Consultants, Inc.
P-766B B & C Grocery
South Wall #2 (SW2)
09/07/07

Meritech ID#: 091207131
Analysis: 09/19/07
Analyst: VWV
Dilution: 1

SW846-8260/5035 VOLATILE ORGANICS - Soil

Benzene	< 0.005 mg/kg	cis-1,3-Dichloropropene	< 0.005 mg/kg
Bromobenzene	< 0.005 mg/kg	trans-1,3-Dichloropropene	< 0.005 mg/kg
Bromodichloromethane	< 0.005 mg/kg	Ethyl benzene	< 0.005 mg/kg
Bromochloromethane	< 0.005 mg/kg	Hexachlorobutadiene	< 0.005 mg/kg
Bromoform	< 0.005 mg/kg	Isopropylbenzene	< 0.005 mg/kg
Bromomethane	< 0.025 mg/kg	p-Isopropyltoluene	< 0.005 mg/kg
n-Butylbenzene	< 0.005 mg/kg	Methylene chloride	< 0.005 mg/kg
sec-Butylbenzene	< 0.005 mg/kg	Naphthalene	< 0.005 mg/kg
tert-Butylbenzene	< 0.005 mg/kg	n-Propylbenzene	< 0.005 mg/kg
Carbon Tetrachloride	< 0.005 mg/kg	Styrene	< 0.005 mg/kg
Chlorobenzene	< 0.005 mg/kg	1,1,1,2-Tetrachloroethane	< 0.005 mg/kg
Chloroethane	< 0.025 mg/kg	1,1,2,2-Tetrachloroethane	< 0.005 mg/kg
Chloroform	< 0.005 mg/kg	Tetrachloroethene	< 0.005 mg/kg
Chloromethane	< 0.025 mg/kg	Toluene	< 0.005 mg/kg
2-Chlorotoluene	< 0.005 mg/kg	1,1,1-Trichloroethane	< 0.005 mg/kg
4-Chlorotoluene	< 0.005 mg/kg	1,1,2-Trichloroethane	< 0.005 mg/kg
Dibromochloromethane	< 0.005 mg/kg	Trichloroethene	< 0.005 mg/kg
1,2-Dibromo-3-chloropropane	< 0.005 mg/kg	1,2,3-Trichlorobenzene	< 0.005 mg/kg
1,2-Dibromoethane (EDB)	< 0.005 mg/kg	1,2,4-Trichlorobenzene	< 0.005 mg/kg
Dibromomethane	< 0.005 mg/kg	1,2,3-Trichloropropane	< 0.005 mg/kg
Dichlorodifluoromethane	< 0.025 mg/kg	Trichlorofluoromethane	< 0.025 mg/kg
1,1-Dichloroethane	< 0.005 mg/kg	1,2,4-Trimethylbenzene	< 0.005 mg/kg
1,2-Dichloroethane	< 0.005 mg/kg	1,3,5-Trimethylbenzene	< 0.005 mg/kg
1,4-Dichlorobenzene	< 0.005 mg/kg	Vinyl chloride	< 0.025 mg/kg
1,2-Dichlorobenzene	< 0.005 mg/kg	m/p-Xylenes	< 0.010 mg/kg
1,3-Dichlorobenzene	< 0.005 mg/kg	o-Xylene	< 0.005 mg/kg
1,1-Dichloroethene	< 0.005 mg/kg		
cis-1,2-Dichloroethene	< 0.005 mg/kg		
trans-1,2-Dichloroethene	< 0.005 mg/kg		
1,2-Dichloropropane	< 0.005 mg/kg		
1,3-Dichloropropane	< 0.005 mg/kg		
2,2-Dichloropropane	< 0.005 mg/kg		
1,1-Dichloropropene	< 0.005 mg/kg		
1,2-Dichloropropene	< 0.005 mg/kg		

Additional Compounds

MTBE	< 0.025 mg/kg
IPE	< 0.025 mg/kg

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MERITECH, INC.

Environmental Laboratories

A Division of Water Technology and Controls, Inc.

Client:
Project:
Client Sample ID:
Sample Collection:


Paragon Environmental Consultants, Inc.
P-766B B & C Grocery
South Wall #4 (SW#4)
09/11/07

Meritech ID#: 091207139
Analysis: 09/21/07
Analyst: VWV
Dilution: 50

SW846-8260/5035 VOLATILE ORGANICS - Soil

Benzene	< 0.250 mg/kg	cis-1,3-Dichloropropene	< 0.250 mg/kg
Bromobenzene	< 0.250 mg/kg	trans-1,3-Dichloropropene	< 0.250 mg/kg
Bromodichloromethane	< 0.250 mg/kg	Ethyl benzene	< 0.250 mg/kg
Bromochloromethane	< 0.250 mg/kg	Hexachlorobutadiene	< 0.250 mg/kg
Bromoform	< 0.250 mg/kg	Isopropylbenzene	< 0.250 mg/kg
Bromomethane	< 1.25 mg/kg	p-Isopropyltoluene	< 0.250 mg/kg
n-Butylbenzene	< 0.250 mg/kg	Methylene chloride	< 0.250 mg/kg
sec-Butylbenzene	< 0.250 mg/kg	Naphthalene	0.354 mg/kg
tert-Butylbenzene	< 0.250 mg/kg	n-Propylbenzene	0.310 mg/kg
Carbon Tetrachloride	< 0.250 mg/kg	Styrene	< 0.250 mg/kg
Chlorobenzene	< 0.250 mg/kg	1,1,1,2-Tetrachloroethane	< 0.250 mg/kg
Chloroethane	< 0.025 mg/kg	1,1,2,2-Tetrachloroethane	< 0.250 mg/kg
Chloroform	< 0.250 mg/kg	Tetrachloroethene	< 0.250 mg/kg
Chloromethane	< 1.25 mg/kg	Toluene	< 0.250 mg/kg
2-Chlorotoluene	< 0.250 mg/kg	1,1,1-Trichloroethane	< 0.250 mg/kg
4-Chlorotoluene	< 0.250 mg/kg	1,1,2-Trichloroethane	< 0.250 mg/kg
Dibromochloromethane	< 0.250 mg/kg	Trichloroethene	< 0.250 mg/kg
1,2-Dibromo-3-chloropropane	< 0.250 mg/kg	1,2,3-Trichlorobenzene	< 0.250 mg/kg
1,2-Dibromoethane (EDB)	< 0.250 mg/kg	1,2,4-Trichlorobenzene	< 0.250 mg/kg
Dibromomethane	< 0.250 mg/kg	1,2,3-Trichloropropane	< 0.250 mg/kg
Dichlorodifluoromethane	< 1.25 mg/kg	Trichlorofluoromethane	< 1.25 mg/kg
1,1-Dichloroethane	< 0.250 mg/kg	1,2,4-Trimethylbenzene	0.380 mg/kg
1,2-Dichloroethane	< 0.250 mg/kg	1,3,5-Trimethylbenzene	0.330 mg/kg
1,4-Dichlorobenzene	< 0.250 mg/kg	Vinyl chloride	< 1.25 mg/kg
1,2-Dichlorobenzene	< 0.250 mg/kg	m/p-Xylenes	< 0.500 mg/kg
1,3-Dichlorobenzene	< 0.250 mg/kg	o-Xylene	< 0.250 mg/kg
1,1-Dichloroethene	< 0.250 mg/kg		
cis-1,2-Dichloroethene	< 0.250 mg/kg	<u>Additional Compounds</u>	
trans-1,2-Dichloroethene	< 0.250 mg/kg		
1,2-Dichloropropane	< 0.250 mg/kg	MTBE	< 1.25 mg/kg
1,3-Dichloropropane	< 0.250 mg/kg	IPE	< 1.25 mg/kg
2,2-Dichloropropane	< 0.250 mg/kg		
1,1-Dichloropropene	< 0.250 mg/kg		
1,2-Dichloropropene	< 0.250 mg/kg		

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MERITECH, INC.

Environmental Laboratories

A Division of Water Technology and Controls, Inc.

Client:	Paragon Environmental Consultants, Inc.	Meritech ID#:	091207140
Project:	P-766B B & C Grocery	Analysis:	09/21/07
Client Sample ID:	West Wall (WW)	Analyst:	VWV
Sample Collection:	09/11/07	Dilution:	50

SW846-8260/5035 VOLATILE ORGANICS - Soil

Benzene	< 0.250 mg/kg	cis-1,3-Dichloropropene	< 0.250 mg/kg
Bromobenzene	< 0.250 mg/kg	trans-1,3-Dichloropropene	< 0.250 mg/kg
Bromodichloromethane	< 0.250 mg/kg	Ethyl benzene	0.286 mg/kg
Bromochloromethane	< 0.250 mg/kg	Hexachlorobutadiene	< 0.250 mg/kg
Bromoform	< 0.250 mg/kg	Isopropylbenzene	< 0.250 mg/kg
Bromomethane	< 1.25 mg/kg	p-Isopropyltoluene	< 0.250 mg/kg
n-Butylbenzene	< 0.250 mg/kg	Methylene chloride	< 0.250 mg/kg
sec-Butylbenzene	< 0.250 mg/kg	Naphthalene	0.775 mg/kg
tert-Butylbenzene	< 0.250 mg/kg	n-Propylbenzene	< 0.250 mg/kg
Carbon Tetrachloride	< 0.250 mg/kg	Styrene	< 0.250 mg/kg
Chlorobenzene	< 0.250 mg/kg	1,1,1,2-Tetrachloroethane	< 0.250 mg/kg
Chloroethane	< 0.025 mg/kg	1,1,2,2-Tetrachloroethane	< 0.250 mg/kg
Chloroform	< 0.250 mg/kg	Tetrachloroethene	< 0.250 mg/kg
Chloromethane	< 1.25 mg/kg	Toluene	0.310 mg/kg
2-Chlorotoluene	< 0.250 mg/kg	1,1,1-Trichloroethane	< 0.250 mg/kg
4-Chlorotoluene	< 0.250 mg/kg	1,1,2-Trichloroethane	< 0.250 mg/kg
Dibromochloromethane	< 0.250 mg/kg	Trichloroethene	< 0.250 mg/kg
1,2-Dibromo-3-chloropropane	< 0.250 mg/kg	1,2,3-Trichlorobenzene	< 0.250 mg/kg
1,2-Dibromoethane (EDB)	< 0.250 mg/kg	1,2,4-Trichlorobenzene	< 0.250 mg/kg
Dibromomethane	< 0.250 mg/kg	1,2,3-Trichloropropane	< 0.250 mg/kg
Dichlorodifluoromethane	< 1.25 mg/kg	Trichlorofluoromethane	< 1.25 mg/kg
1,1-Dichloroethane	< 0.250 mg/kg	1,2,4-Trimethylbenzene	1.62 mg/kg
1,2-Dichloroethane	< 0.250 mg/kg	1,3,5-Trimethylbenzene	0.474 mg/kg
1,4-Dichlorobenzene	< 0.250 mg/kg	Vinyl chloride	< 1.25 mg/kg
1,2-Dichlorobenzene	< 0.250 mg/kg	m/p-Xylenes	1.26 mg/kg
1,3-Dichlorobenzene	< 0.250 mg/kg	o-Xylene	0.502 mg/kg
1,1-Dichloroethene	< 0.250 mg/kg		
cis-1,2-Dichloroethene	< 0.250 mg/kg	<u>Additional Compounds</u>	
trans-1,2-Dichloroethene	< 0.250 mg/kg		
1,2-Dichloropropane	< 0.250 mg/kg	MTBE	< 1.25 mg/kg
1,3-Dichloropropane	< 0.250 mg/kg	IPE	< 1.25 mg/kg
2,2-Dichloropropane	< 0.250 mg/kg		
1,1-Dichloropropene	< 0.250 mg/kg		
1,2-Dichloropropene	< 0.250 mg/kg		

I hereby certify that I have reviewed and approve these data.

u. P. Sah
Laboratory Representative

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MERITECH, INC.

Environmental Laboratories

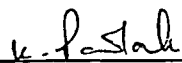
A Division of Water Technology and Controls, Inc.

Client:	Paragon Environmental Consultants	Meritech ID#:	091207133
Project:	P-776B B & C Grocery	Analysis:	09/21/07
Client Sample ID:	Pit Bottom #1 (PB1)	Analyst:	VWV
Sample Collection:	09/07/07	Dilution Factor:	1

SW846-8260/5035 VOLATILE ORGANICS - Soil

Benzene	< 0.005 mg/kg	cis-1,3-Dichloropropene	< 0.005 mg/kg
Bromobenzene	< 0.005 mg/kg	trans-1,3-Dichloropropene	< 0.005 mg/kg
Bromodichloromethane	< 0.005 mg/kg	Ethyl benzene	< 0.005 mg/kg
Bromochloromethane	< 0.005 mg/kg	Hexachlorobutadiene	< 0.005 mg/kg
Bromoform	< 0.005 mg/kg	Isopropylbenzene	< 0.005 mg/kg
Bromomethane	< 0.025 mg/kg	p-Isopropyltoluene	< 0.005 mg/kg
n-Butylbenzene	< 0.005 mg/kg	Methylene chloride	< 0.005 mg/kg
sec-Butylbenzene	< 0.005 mg/kg	Naphthalene	< 0.005 mg/kg
tert-Butylbenzene	< 0.005 mg/kg	n-Propylbenzene	< 0.005 mg/kg
Carbon Tetrachloride	< 0.005 mg/kg	Styrene	< 0.005 mg/kg
Chlorobenzene	< 0.005 mg/kg	1,1,1,2-Tetrachloroethane	< 0.005 mg/kg
Chloroethane	< 0.025 mg/kg	1,1,2,2-Tetrachloroethane	< 0.005 mg/kg
Chloroform	< 0.005 mg/kg	Tetrachloroethene	< 0.005 mg/kg
Chloromethane	< 0.025 mg/kg	Toluene	< 0.005 mg/kg
2-Chlorotoluene	< 0.005 mg/kg	1,1,1-Trichloroethane	< 0.005 mg/kg
4-Chlorotoluene	< 0.005 mg/kg	1,1,2-Trichloroethane	< 0.005 mg/kg
Dibromochloromethane	< 0.005 mg/kg	Trichloroethene	< 0.005 mg/kg
1,2-Dibromo-3-chloropropane	< 0.005 mg/kg	1,2,3-Trichlorobenzene	< 0.005 mg/kg
1,2-Dibromoethane (EDB)	< 0.005 mg/kg	1,2,4-Trichlorobenzene	< 0.005 mg/kg
Dibromomethane	< 0.005 mg/kg	1,2,3-Trichloropropane	< 0.005 mg/kg
Dichlorodifluoromethane	< 0.025 mg/kg	Trichlorofluoromethane	< 0.025 mg/kg
1,1-Dichloroethane	< 0.005 mg/kg	1,2,4-Trimethylbenzene	< 0.005 mg/kg
1,2-Dichloroethane	< 0.005 mg/kg	1,3,5-Trimethylbenzene	< 0.005 mg/kg
1,4-Dichlorobenzene	< 0.005 mg/kg	Vinyl chloride	< 0.025 mg/kg
1,2-Dichlorobenzene	< 0.005 mg/kg	m/p-Xylenes	< 0.010 mg/kg
1,3-Dichlorobenzene	< 0.005 mg/kg	o-Xylene	< 0.005 mg/kg
1,1-Dichloroethene	< 0.005 mg/kg		
cis-1,2-Dichloroethene	< 0.005 mg/kg	<u>Additional Compounds</u>	
trans-1,2-Dichloroethene	< 0.005 mg/kg		
1,2-Dichloropropane	< 0.005 mg/kg	MTBE	< 0.025 mg/kg
1,3-Dichloropropane	< 0.005 mg/kg	IPE	< 0.025 mg/kg
2,2-Dichloropropane	< 0.005 mg/kg		
1,1-Dichloropropene	< 0.005 mg/kg		
1,2-Dichloropropene	< 0.005 mg/kg		

I hereby certify that I have reviewed and approve these data.


Laboratory Representative

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MERITECH, INC.

Environmental Laboratories

A Division of Water Technology and Controls, Inc.

Client:	Paragon Environmental Consultants	Meritech ID#:	091207134
Project:	P-776B B & C Grocery	Analysis:	09/21/07
Client Sample ID:	Pit Bottom #2 (PB2)	Analyst:	VWV
Sample Collection:	09/07/07	Dilution Factor:	1

SW846-8260/5035 VOLATILE ORGANICS - Soil

Benzene	< 0.005 mg/kg	cis-1,3-Dichloropropene	< 0.005 mg/kg
Bromobenzene	< 0.005 mg/kg	trans-1,3-Dichloropropene	< 0.005 mg/kg
Bromodichloromethane	< 0.005 mg/kg	Ethyl benzene	< 0.005 mg/kg
Bromochloromethane	< 0.005 mg/kg	Hexachlorobutadiene	< 0.005 mg/kg
Bromoform	< 0.005 mg/kg	Isopropylbenzene	< 0.005 mg/kg
Bromomethane	< 0.025 mg/kg	p-Isopropyltoluene	< 0.005 mg/kg
n-Butylbenzene	< 0.005 mg/kg	Methylene chloride	< 0.005 mg/kg
sec-Butylbenzene	< 0.005 mg/kg	Naphthalene	< 0.005 mg/kg
tert-Butylbenzene	< 0.005 mg/kg	n-Propylbenzene	< 0.005 mg/kg
Carbon Tetrachloride	< 0.005 mg/kg	Styrene	< 0.005 mg/kg
Chlorobenzene	< 0.005 mg/kg	1,1,1,2-Tetrachloroethane	< 0.005 mg/kg
Chloroethane	< 0.025 mg/kg	1,1,2,2-Tetrachloroethane	< 0.005 mg/kg
Chloroform	< 0.005 mg/kg	Tetrachloroethene	< 0.005 mg/kg
Chloromethane	< 0.025 mg/kg	Toluene	< 0.005 mg/kg
2-Chlorotoluene	< 0.005 mg/kg	1,1,1-Trichloroethane	< 0.005 mg/kg
4-Chlorotoluene	< 0.005 mg/kg	1,1,2-Trichloroethane	< 0.005 mg/kg
Dibromochloromethane	< 0.005 mg/kg	Trichloroethene	< 0.005 mg/kg
1,2-Dibromo-3-chloropropane	< 0.005 mg/kg	1,2,3-Trichlorobenzene	< 0.005 mg/kg
1,2-Dibromoethane (EDB)	< 0.005 mg/kg	1,2,4-Trichlorobenzene	< 0.005 mg/kg
Dibromomethane	< 0.005 mg/kg	1,2,3-Trichloropropane	< 0.005 mg/kg
Dichlorodifluoromethane	< 0.025 mg/kg	Trichlorofluoromethane	< 0.025 mg/kg
1,1-Dichloroethane	< 0.005 mg/kg	1,2,4-Trimethylbenzene	< 0.005 mg/kg
1,2-Dichloroethane	< 0.005 mg/kg	1,3,5-Trimethylbenzene	< 0.005 mg/kg
1,4-Dichlorobenzene	< 0.005 mg/kg	Vinyl chloride	< 0.025 mg/kg
1,2-Dichlorobenzene	< 0.005 mg/kg	m/p-Xylenes	< 0.010 mg/kg
1,3-Dichlorobenzene	< 0.005 mg/kg	o-Xylene	< 0.005 mg/kg
1,1-Dichloroethene	< 0.005 mg/kg		
cis-1,2-Dichloroethene	< 0.005 mg/kg		
trans-1,2-Dichloroethene	< 0.005 mg/kg		
1,2-Dichloropropane	< 0.005 mg/kg		
1,3-Dichloropropane	< 0.005 mg/kg		
2,2-Dichloropropane	< 0.005 mg/kg		
1,1-Dichloropropene	< 0.005 mg/kg		
1,2-Dichloropropene	< 0.005 mg/kg		

Additional Compounds

MTBE	< 0.025 mg/kg
IPE	< 0.025 mg/kg

I hereby certify that I have reviewed and approve these data.

e. Postal
Laboratory Representative

642 Tamco Road * Reidsville, NC 27320
(336) 342-4748 Ph * (336) 342-1522 Fax



MERITECH, INC.

Environmental Laboratories

A Division of Water Technology and Controls, Inc.

Client:	Paragon Environmental Consultants, Inc.	Meritech ID#:	091207128TB
Project:	P-766B B & C Grocery	Analysis:	09/19/07
Client Sample ID:	Trip Blank	Analyst:	VWV
Sample Collection:	09/07/07	Dilution:	1

SW846-8260/5035 VOLATILE ORGANICS - Soil

Benzene	< 0.005 mg/kg	cis-1,3-Dichloropropene	< 0.005 mg/kg
Bromobenzene	< 0.005 mg/kg	trans-1,3-Dichloropropene	< 0.005 mg/kg
Bromodichloromethane	< 0.005 mg/kg	Ethyl benzene	< 0.005 mg/kg
Bromochloromethane	< 0.005 mg/kg	Hexachlorobutadiene	< 0.005 mg/kg
Bromoform	< 0.005 mg/kg	Isopropylbenzene	< 0.005 mg/kg
Bromomethane	< 0.025 mg/kg	p-Isopropyltoluene	< 0.005 mg/kg
n-Butylbenzene	< 0.005 mg/kg	Methylene chloride	< 0.005 mg/kg
sec-Butylbenzene	< 0.005 mg/kg	Naphthalene	< 0.005 mg/kg
tert-Butylbenzene	< 0.005 mg/kg	n-Propylbenzene	< 0.005 mg/kg
Carbon Tetrachloride	< 0.005 mg/kg	Styrene	< 0.005 mg/kg
Chlorobenzene	< 0.005 mg/kg	1,1,1,2-Tetrachloroethane	< 0.005 mg/kg
Chloroethane	< 0.025 mg/kg	1,1,2,2-Tetrachloroethane	< 0.005 mg/kg
Chloroform	< 0.005 mg/kg	Tetrachloroethene	< 0.005 mg/kg
Chloromethane	< 0.025 mg/kg	Toluene	< 0.005 mg/kg
2-Chlorotoluene	< 0.005 mg/kg	1,1,1-Trichloroethane	< 0.005 mg/kg
4-Chlorotoluene	< 0.005 mg/kg	1,1,2-Trichloroethane	< 0.005 mg/kg
Dibromochloromethane	< 0.005 mg/kg	Trichloroethene	< 0.005 mg/kg
1,2-Dibromo-3-chloropropane	< 0.005 mg/kg	1,2,3-Trichlorobenzene	< 0.005 mg/kg
1,2-Dibromoethane (EDB)	< 0.005 mg/kg	1,2,4-Trichlorobenzene	< 0.005 mg/kg
Dibromomethane	< 0.005 mg/kg	1,2,3-Trichloropropane	< 0.005 mg/kg
Dichlorodifluoromethane	< 0.025 mg/kg	Trichlorofluoromethane	< 0.025 mg/kg
1,1-Dichloroethane	< 0.005 mg/kg	1,2,4-Trimethylbenzene	< 0.005 mg/kg
1,2-Dichloroethane	< 0.005 mg/kg	1,3,5-Trimethylbenzene	< 0.005 mg/kg
1,4-Dichlorobenzene	< 0.005 mg/kg	Vinyl chloride	< 0.025 mg/kg
1,2-Dichlorobenzene	< 0.005 mg/kg	m/p-Xylenes	< 0.010 mg/kg
1,3-Dichlorobenzene	< 0.005 mg/kg	o-Xylene	< 0.005 mg/kg
1,1-Dichloroethene	< 0.005 mg/kg		
cis-1,2-Dichloroethene	< 0.005 mg/kg	<u>Additional Compounds</u>	
trans-1,2-Dichloroethene	< 0.005 mg/kg		
1,2-Dichloropropane	< 0.005 mg/kg	MTBE	< 0.025 mg/kg
1,3-Dichloropropane	< 0.005 mg/kg	IPE	< 0.025 mg/kg
2,2-Dichloropropane	< 0.005 mg/kg		
1,1-Dichloropropene	< 0.005 mg/kg		
1,2-Dichloropropene	< 0.005 mg/kg		

I hereby certify that I have reviewed and approve these data.

K. Postale
Laboratory Representative

642 Tamco Road * Reidsville, NC 27320
(336) 342-4748 Ph * (336) 342-1522 Fax



Meritech Inc.

Environmental Laboratories
A Division of Water Technology and Controls

Client Name	Paragon Environmental Consultants, Inc.	Laboratory Name	MERITECH, INC.
Project Name	P-766 B	NC Certification # (Lab)	#165
Site Location	B & C Grocery	Sample Matrix	Soil

VPH (Aliphatics/Aromatics) Sample Information and Analytical Results

Method for Ranges: MADEP VPH VPH Surrogate Standards Aliphatic: 2,5-Dibromtoluene Aromatic: 2,5-Dibromtoluene		Sample Identification			Trip Blank	NW #1
		Lab Identification			Trip Blank	091207128
		Collection Option (for soil)*			1	1
		Date Collected			09/07/07	09/07/07
		Date Received			09/12/07	09/12/07
		Date Extracted			N/A	09/21/07
		Date Analyzed			09/21/07	09/21/07
		% Dry Solids			N/A	98%
		Dilution Factor			N/A	N/A
Hydrocarbon Ranges	Units of Measure	MDL	RL	Blank		
C5 - C8 Aliphatics*	mg/kg	2.05	10.0	< 10.0	< 10.0	< 10.0
C9 - C12 Aliphatics*	mg/kg	2.08	10.0	< 10.0	< 10.0	< 10.0
C9- C10 Aromatics*	mg/kg	1.52	10.0	< 10.0	< 10.0	< 10.0
Sample Surrogate Acceptance Range				70 - 130%	70 - 130%	70 - 130%
Aromatic Surrogate % Recovery - PID				74%	71%	76%
Aliphatic Surrogate % Recovery - FID				94%	93%	89%

* Option 1 = Establish fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCore TM)
Option 3 = Field weigh of soil
* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
** Surrogate recovery exceeds limits (70-130%).

MDL = Method Detection Limit RL = Reporting Limit Blank = Laboratory Method Blank

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved?
(YES) NO - Details Attached

Was blank correction applied as a significant modification of the method?
YES (NO)

Were any significant modifications to the VPH method made?
(NO) YES - Details Attached

Reviewed By u. P. Stah



Meritech Inc.

Environmental Laboratories
A Division of Water Technology and Controls

Client Name	Paragon Environmental Consultants, Inc.	Laboratory Name	MERITECH, INC.
Project Name	P-766 B	NC Certification # (Lab)	#165
Site Location	B & C Grocery	Sample Matrix	Soil

VPH (Aliphatics/Aromatics) Sample Information and Analytical Results

Method for Ranges: MADEP VPH VPH Surrogate Standards Aliphatic: 2,5-Dibromtoluene Aromatic: 2,5-Dibromtoluene		Sample Identification			PB #2	NW #3
		Lab Identification			091207134	091207136
		Collection Option (for soil)*			1	1
		Date Collected			09/07/07	09/11/07
		Date Received			09/12/07	09/12/07
		Date Extracted			09/22/07	09/20/07
		Date Analyzed			09/22/07	09/20/07
		% Dry Solids			98%	97%
		Dilution Factor			N/A	N/A
Hydrocarbon Ranges	Units of Measure	MDL	RL	Blank		
C5 - C8 Aliphatics*	mg/kg	2.05	10.0	< 10.0	< 10.0	< 10.0
C9 - C12 Aliphatics*	mg/kg	2.08	10.0	< 10.0	< 10.0	28.3
C9- C10 Aromatics*	mg/kg	1.52	10.0	< 10.0	< 10.0	< 10.0
Sample Surrogate Acceptance Range				70 - 130%	70 - 130%	70 - 130%
Aromatic Surrogate % Recovery - PID				74%	73%	73%
Aliphatic Surrogate % Recovery - FID				94%	95%	96%
* Option 1 = Establish fill line on vial Option 2 = Sampling Device (indicate brand, e.g.EnCore TM) Option 3 = Field weigh of soil * Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range. ** Surrogate recovery exceeds limits (70-130%). MDL = Method Detection Limit RL = Reporting Limit Blank = Laboratory Method Blank						

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved?
(YES) NO - Details Attached

Was blank correction applied as a significant modification of the method?
YES (NO)

Were any significant modifications to the VPH method made?
(NO) YES - Details Attached

Reviewed By K. P. Stahli



Meritech Inc.

Environmental Laboratories
A Division of Water Technology and Controls

Client Name	Paragon Environmental Consultants, Inc.	Laboratory Name	MERITECH, INC.
Project Name	P-766 B	NC Certification # (Lab)	#165
Site Location	B & C Grocery	Sample Matrix	Soil

VPH (Aliphatics/Aromatics) Sample Information and Analytical Results

Method for Ranges: MADEP VPH VPH Surrogate Standards Aliphatic: 2,5-Dibromtoluene Aromatic: 2,5-Dibromtoluene		Sample Identification			SW #2	PB #1
		Lab Identification			091207131	091207133
		Collection Option (for soil)*			1	1
		Date Collected			09/07/07	09/07/07
		Date Received			09/12/07	09/12/07
		Date Extracted			09/22/07	09/22/07
		Date Analyzed			09/22/07	09/22/07
		% Dry Solids			89%	97%
		Dilution Factor			N/A	N/A
Hydrocarbon Ranges	Units of Measure	MDL	RL	Blank		
C5 - C8 Aliphatics*	mg/kg	2.05	10.0	< 10.0	< 10.0	< 10.0
C9 - C12 Aliphatics*	mg/kg	2.08	10.0	< 10.0	< 10.0	< 10.0
C9- C10 Aromatics*	mg/kg	1.52	10.0	< 10.0	< 10.0	< 10.0
Sample Surrogate Acceptance Range				70 - 130%	70 - 130%	70 - 130%
Aromatic Surrogate % Recovery - PID				74%	75%	73%
Aliphatic Surrogate % Recovery - FID				94%	97%	95%

* Option 1 = Establish fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCore TM)
Option 3 = Field weigh of soil
* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
** Surrogate recovery exceeds limits (70-130%).

MDL = Method Detection Limit RL = Reporting Limit Blank = Laboratory Method Blank

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved?
(YES) NO - Details Attached

Was blank correction applied as a significant modification of the method?
YES (NO)

Were any significant modifications to the VPH method made?
(NO) YES - Details Attached

Reviewed By W. P. Stale



Meritech Inc.

Environmental Laboratories
A Division of Water Technology and Controls

Client Name	Paragon Environmental Consultants, Inc.	Laboratory Name	MERITECH, INC.
Project Name	P-766 B	NC Certification # (Lab)	#165
Site Location	B & C Grocery	Sample Matrix	Soil

VPH (Aliphatics/Aromatics) Sample Information and Analytical Results

Method for Ranges: MADEP VPH VPH Surrogate Standards Aliphatic: 2,5-Dibromtoluene Aromatic: 2,5-Dibromtoluene		Sample Identification			SW #4	WW
		Lab Identification			091207139	091207140
		Collection Option (for soil)*			1	1
		Date Collected			09/11/07	09/11/07
		Date Received			09/12/07	09/12/07
		Date Extracted			09/20/07	09/21/07
		Date Analyzed			09/20/07	09/21/07
		% Dry Solids			98%	79%
		Dilution Factor			N/A	N/A
Hydrocarbon Ranges	Units of Measure	MDL	RL	Blank		
C5 - C8 Aliphatics*	mg/kg	2.05	10.0	< 10.0	104	< 10.0
C9 - C12 Aliphatics*	mg/kg	2.08	10.0	< 10.0	115	17.4
C9- C10 Aromatics*	mg/kg	1.52	10.0	< 10.0	35.9	< 10.0
Sample Surrogate Acceptance Range				70 - 130%	70 - 130%	70 - 130%
Aromatic Surrogate % Recovery - PID				70%	77%	71%
Aliphatic Surrogate % Recovery - FID				89%	96%	91%
* Option 1 = Establish fill line on vial Option 2 = Sampling Device (indicate brand, e.g.EnCore TM) Option 3 = Field weigh of soil * Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range. ** Surrogate recovery exceeds limits (70-130%). MDL = Method Detection Limit RL = Reporting Limit Blank = Laboratory Method Blank						

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved?
(YES) NO - Details Attached

Was blank correction applied as a significant modification of the method?
YES (NO)

Were any significant modifications to the VPH method made?
(NO) YES - Details Attached

Reviewed By u. Patal



MERITECH, INC.

ENVIRONMENTAL LABORATORIES

A Division of Water Technology and Controls, Inc.

Client: Paragon Environmental Consultants, Inc.
Project: P-766 B B & C Grocery
Analyst: CWL
Report Date: 09/19/07

Total Petroleum Hydrocarbons

Meritech #	Sample # (Location)	Sample Date	Matrix	Date Analyzed	DRO - 3550/8015 (mg/kg)	GRO - 5030/8015 (mg/kg)
091207135	X-1 Stock Pile #1	09/07/07	S	A.N.R. 09/15/07	Diesel A.N.R.	Gasoline 274

Dilution Factor N/A

S = Soil

W = Water

DRO = Diesel Range Organics

GRO = Gasoline Range Organics

A.N.R. = Analysis Not Requested.

I hereby certify that I have reviewed and approve these data.

Laboratory Representative

RECEIVED
N.C. Dept. of ENR

MAR 06 2008

Salem
Regional Office

642 Tamco Road * Reidsville, NC 27320
(336) 342-4748 * (336) 342-1522 Fax
e-mail: wtclab@bellsouth.net



MERITECH, Inc.
642 Tamco Road
Reidsville, NC 27320
tel. (336) 342-4748
fax. (336) 342-1522

PGI PARAGON Environmental Consultants, Inc. P.O. Box 157 Thomasville, NC 27331 (336) 600-6037		NPDES# _____ Tel _____ Fax <u>(336) 476-7705</u> P.O. # <u>P-700 P.</u> Project # <u>B & C Quarry</u>
Client: _____ Address: _____ Attention: <u>Brandon Moore</u>		

Chain of Custody Record

If Composite? _____

Person Taking Sample (Signature): [Signature]

Lab Use Only

Sample Location/ID#	Date 1	Time 1	Date 2	Time 2	C? G?	# of Conts	Tests Required	Iced? Temp?	pH OK?	Chlorine OK?
North Branch (NW#1)	9/7/07	2:50P			G	5	Method 8260 UPH 128	3.5		
North Branch (NW#2)		2:55P			G	5				
South Branch (SW#1)		2:00P			G	5				
South Branch (SW#2)		2:10P			G	5				
East Branch (EW#1)		2:20P			G	5				
Pit Bottoms (PB#1)		3:10P			G	5				
Pit Bottoms (PB#2)		3:40P			G	5				
Wetlands (W#1)		12:45P					Method 5030 135			
						2	8260 UPH			

Method of Shipment:

- ☐ UPS
☐ Fed Ex
☒ Hand Delivery
☐ Other

Comments:

EW Cancelled per B.M. 9-20-07 vuv

NW#2, SW#1
Not needed per B.M. 9-25-07 vuv

Will these results be used for regulatory purposes? Yes ☒ No ☐

Relinquished by:

Date:

Time:

Received by:

Date:

Time:

Relinquished by:

Date:

Time:

Received by:

Date:

Time:

Relinquished by:

Date:

Time:

Received at lab by:

Date:

Time:

APPENDIX C

WELL CONSTRUCTION RECORD



Non RESIDENTIAL WELL CONSTRUCTION RECORD
North Carolina Department of Environment and Natural Resources- Division of Water Quality
WELL CONTRACTOR CERTIFICATION # 3390

1. WELL CONTRACTOR:

Brandon J. Welch
Well Contractor (Individual) Name
Environmental Drilling Services, LLC
Well Contractor Company Name
STREET ADDRESS P. O. Box 36497
Greensboro NC 27416
City or Town State Zip Code

(336) 908-0573

Area code- Phone number

2. WELL INFORMATION:

SITE WELL ID #(if applicable) MW-1

STATE WELL PERMIT #(if applicable)

DWQ or OTHER PERMIT #(if applicable)

WELL USE (Check Applicable Box) Monitoring ☒ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐

Irrigation ☐ Other ☐ (list use)

DATE DRILLED 1/8/08

TIME COMPLETED 3:45 AM ☐ PM ☒

3. WELL LOCATION:

CITY: Graham COUNTY Alamance

942 E. Harden Street 27253

(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

TOPOGRAPHIC / LAND SETTING:

☐ Slope ☐ Valley ☒ Flat ☐ Ridge ☐ Other
(check appropriate box)

LATITUDE 3 N 36 deg 3' 37"

LONGITUDE W 79 deg 22' 48"

May be in degrees,
minutes, seconds or
in a decimal format

Latitude/longitude source: ☐ GPS ☒ Topographic map
(location of well must be shown on a USGS topo map and
attached to this form if not using GPS)

4. FACILITY- is the name of the business where the well is located.

FACILITY ID #(if applicable) 0-023638

NAME OF FACILITY B & C Grocery

STREET ADDRESS 942 E. Harden Street

Graham NC 27253
City or Town State Zip Code

CONTACT PERSON Charlie Whittemore

MAILING ADDRESS 942 E. Harden Street

Graham NC 27253
City or Town State Zip Code

(336) 226-4795

Area code - Phone number

5. WELL DETAILS:

a. TOTAL DEPTH: 42'

b. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☒

c. WATER LEVEL Below Top of Casing: 8.26 FT.
(Use "*" if Above Top of Casing)

d. TOP OF CASING IS 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require
a variance in accordance with 15A NCAC 2C .0118.

e. YIELD (gpm): N/A METHOD OF TEST

f. DISINFECTION: Type N/A Amount

g. WATER ZONES (depth):

From To From To

From To From To

From To From To

6. CASING:

From	Depth	To	Diameter	Thickness/ Weight	Material
0	12	Ft.	2"	Sch 40	PVC
From	To	Ft.			
From	To	Ft.			

7. GROUT:

From	Depth	To	Material	Method
0	9	Ft.	Portland	Pour
9	11	Ft.	Bentonite	Pour
From	To	Ft.		

8. SCREEN:

From	Depth	To	Diameter	Slot Size	Material
12	42	Ft.	2 in.	0.01 in.	PVC
From	To	Ft.	in.	in.	
From	To	Ft.	in.	in.	

9. SAND/GRAVEL PACK:

From	Depth	To	Size	Material
11	42	Ft.	#2	Filter Sand
From	To	Ft.		
From	To	Ft.		

10. DRILLING LOG

From	To	Formation Description
0-7		Backfill
7-42		tan-gray, granitic bedrock

11. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH
15A NCAC 2C WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS
RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR

DATE

PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt.,
1617 Mail Service Center - Raleigh, NC 27699-1617 Phone No. (919) 733-7015 ext 568.

Form GW-1b
Rev. 7/05

APPENDIX D

STANDARD OPERATING PROCEDURES

RECEIVED
N.C. Dept. of ENR
MAR 06 2004
Winston-Salem
Regional Office

STANDARD OPERATING PROCEDURES
PARAGON ENVIRONMENTAL CONSULTANTS, INC.

I. SOIL SAMPLE PROCEDURES

1. Collect all samples using disposable Latex gloves. Gloves are not to be re-used.
2. Place samples into laboratory supplied glassware following requirements for specific analysis.
3. Label samples with sample ID, date, time, and job number. Immediately place samples on ice or in refrigerator to be cooled to approximately 4 degrees Celsius.
4. Store all samples on ice or refrigerate until samples are delivered to the laboratory.
5. Complete a chain of custody record for samples to be submitted to laboratory. Sign and date the chain of custody when samples are relinquished in accordance with EPA chain of custody protocol.

II. GROUNDWATER SAMPLING

1. Use new disposable bailer and new nylon string to develop well and collect sample. Handle bailer and string with Latex gloves.
2. Develop well by removing 3 well volumes of water. Dispose of water in accordance with NCDENR guidelines.
3. Following well development obtain samples in laboratory supplied glassware following requirements for specific analysis.
4. Handle, store, and transport samples in same manner as for soil samples. See items I.3, I.4, and I.5 above.

III. EQUIPMENT CONTAMINATION

1. Decontaminate augers, split spoons, and other sampling equipment by the following procedure:
 - A. Soap and tap water wash
 - B. Tap water rinse
 - C. Distilled deionized water rinse
 - D. Isopropyl alcohol rinse
 - E. Distilled water rinse
2. Use new disposable sampling equipment whenever practical.

APPENDIX E

GROUNDWATER ANALYTICAL RESULTS



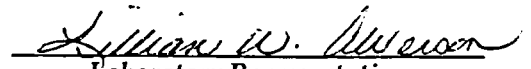
Meritech, Inc.
Environmental Laboratory
Laboratory Certification No. 165

Contact: Mr. Brandon Moore
Client: Paragon Environmental Consultants

Report Date: 1/16/08
Date Sample Rcvd: 1/10/08
PO# P-766B
Project # B & C Grocery

Meritech Work Order #	01100827	Sample: MW 1 Grab		1/10/08
<u>Parameters</u>	<u>Result</u>	<u>Analysis Date</u>	<u>Reporting Limit</u>	<u>Method</u>
EPA Method 3030C Lead	< 0.010 mg/L	1/16/08	0.010 mg/L	EPA 200.7
SM 6210D w/MTBE+IPE	Attached	1/11/08	-	-
Trip Blank	Attached	1/11/08	-	-
MADEP-VPH-WATER	Attached	1/14/08	-	-
VPH Blank	Attached	1/14/08	-	-

I hereby certify that I have reviewed and approve these data.


Laboratory Representative



MERITECH, INC.

Environmental Laboratories

A Division of Water Technology and Controls, Inc.

Client:	Paragon Environmental Consultants, Inc.	Meritech ID#:	01100727
Project:	P-766B B&C Grocery	Analysis:	01/11/08
Client Sample ID:	Monitor Well #1 (MW1)	Analyst:	VWV
Sample Collection:	01/10/08	Dilution Factor:	1

SM-6210D VOLATILE ORGANICS - Water

Benzene	<1.00 ug/L	cis-1,3-Dichloropropene	<1.00 ug/L
Bromobenzene	<1.00 ug/L	trans-1,3-Dichloropropene	<1.00 ug/L
Bromodichloromethane	<1.00 ug/L	Ethyl benzene	<1.00 ug/L
Bromochloromethane	<1.00 ug/L	Hexachlorobutadiene	<1.00 ug/L
Bromoform	<1.00 ug/L	Isopropylbenzene	<1.00 ug/L
Bromomethane	<5.00 ug/L	p-Isopropyltoluene	<1.00 ug/L
n-Butylbenzene	<1.00 ug/L	Methylene chloride	<1.00 ug/L
sec-Butylbenzene	<1.00 ug/L	Naphthalene	<1.00 ug/L
tert-Butylbenzene	<1.00 ug/L	n-Propylbenzene	<1.00 ug/L
Carbon Tetrachloride	<1.00 ug/L	Styrene	<1.00 ug/L
Chlorobenzene	<1.00 ug/L	1,1,1,2-Tetrachloroethane	<1.00 ug/L
Chloroethane	<5.00 ug/L	1,1,2,2-Tetrachloroethane	<1.00 ug/L
Chloroform	<1.00 ug/L	Tetrachloroethene	1.51 ug/L
Chloromethane	<5.00 ug/L	Toluene	<1.00 ug/L
2-Chlorotoluene	<1.00 ug/L	1,1,1-Trichloroethane	<1.00 ug/L
4-Chlorotoluene	<1.00 ug/L	1,1,2-Trichloroethane	<1.00 ug/L
Dibromochloromethane	<1.00 ug/L	Trichloroethene	4.84 ug/L
1,2-Dibromo-3-chloropropane	<1.00 ug/L	1,2,3-Trichlorobenzene	<1.00 ug/L
1,2-Dibromoethane (EDB)	<1.00 ug/L	1,2,4-Trichlorobenzene	<1.00 ug/L
Dibromomethane	<1.00 ug/L	1,2,3-Trichloropropane	<1.00 ug/L
Dichlorodifluoromethane	<5.00 ug/L	Trichlorofluoromethane	<5.00 ug/L
1,1-Dichloroethane	<1.00 ug/L	1,2,4-Trimethylbenzene	<1.00 ug/L
1,2-Dichloroethane	<1.00 ug/L	1,3,5-Trimethylbenzene	<1.00 ug/L
1,4-Dichlorobenzene	<1.00 ug/L	Vinyl chloride	<5.00 ug/L
1,2-Dichlorobenzene	<1.00 ug/L	m/p-Xylenes	<2.00 ug/L
1,3-Dichlorobenzene	<1.00 ug/L	o-Xylene	<1.00 ug/L
1,1-Dichloroethene	<1.00 ug/L		
cis-1,2-Dichloroethene	2.82 ug/L	<u>Additional Compounds</u>	
trans-1,2-Dichloroethene	<1.00 ug/L		
1,2-Dichloropropane	<1.00 ug/L	MTBE	10.4 ug/L
1,3-Dichloropropane	<1.00 ug/L	IPE	5.78 ug/L
2,2-Dichloropropane	<1.00 ug/L		
1,1-Dichloropropene	<1.00 ug/L		
1,2-Dichloropropene	<1.00 ug/L		

I hereby certify that I have reviewed and approve these data.

i. p. Stah
Laboratory Representative

642 Tamco Road * Reidsville, NC 27320
(336) 342-4748 Ph * (336) 342-1522 Fax



MERITECH, INC.

Environmental Laboratories

A Division of Water Technology and Controls, Inc.

Client:	Paragon Environmental Consultants, Inc.	Meritech ID#:	01100727TB
Project:	P-766B B&C Grocery	Analysis:	01/11/08
Client Sample ID:	Trip Blank	Analyst:	VWV
Sample Collection:	01/10/08	Dilution Factor:	1

SM-6210D VOLATILE ORGANICS - Water

Benzene	<1.00 ug/L	cis-1,3-Dichloropropene	<1.00 ug/L
Bromobenzene	<1.00 ug/L	trans-1,3-Dichloropropene	<1.00 ug/L
Bromodichloromethane	<1.00 ug/L	Ethyl benzene	<1.00 ug/L
Bromochloromethane	<1.00 ug/L	Hexachlorobutadiene	<1.00 ug/L
Bromoform	<1.00 ug/L	Isopropylbenzene	<1.00 ug/L
Bromomethane	<5.00 ug/L	p-Isopropyltoluene	<1.00 ug/L
n-Butylbenzene	<1.00 ug/L	Methylene chloride	<1.00 ug/L
sec-Butylbenzene	<1.00 ug/L	Naphthalene	<1.00 ug/L
tert-Butylbenzene	<1.00 ug/L	n-Propylbenzene	<1.00 ug/L
Carbon Tetrachloride	<1.00 ug/L	Styrene	<1.00 ug/L
Chlorobenzene	<1.00 ug/L	1,1,1,2-Tetrachloroethane	<1.00 ug/L
Chloroethane	<5.00 ug/L	1,1,2,2-Tetrachloroethane	<1.00 ug/L
Chloroform	<1.00 ug/L	Tetrachloroethene	<1.00 ug/L
Chloromethane	<5.00 ug/L	Toluene	<1.00 ug/L
2-Chlorotoluene	<1.00 ug/L	1,1,1-Trichloroethane	<1.00 ug/L
4-Chlorotoluene	<1.00 ug/L	1,1,2-Trichloroethane	<1.00 ug/L
Dibromochloromethane	<1.00 ug/L	Trichloroethene	<1.00 ug/L
1,2-Dibromo-3-chloropropane	<1.00 ug/L	1,2,3-Trichlorobenzene	<1.00 ug/L
1,2-Dibromoethane (EDB)	<1.00 ug/L	1,2,4-Trichlorobenzene	<1.00 ug/L
Dibromomethane	<1.00 ug/L	1,2,3-Trichloropropane	<1.00 ug/L
Dichlorodifluoromethane	<5.00 ug/L	Trichlorofluoromethane	<5.00 ug/L
1,1-Dichloroethane	<1.00 ug/L	1,2,4-Trimethylbenzene	<1.00 ug/L
1,2-Dichloroethane	<1.00 ug/L	1,3,5-Trimethylbenzene	<1.00 ug/L
1,4-Dichlorobenzene	<1.00 ug/L	Vinyl chloride	<5.00 ug/L
1,2-Dichlorobenzene	<1.00 ug/L	m/p-Xylenes	<2.00 ug/L
1,3-Dichlorobenzene	<1.00 ug/L	o-Xylene	<1.00 ug/L
1,1-Dichloroethene	<1.00 ug/L		
cis-1,2-Dichloroethene	<1.00 ug/L	<u>Additional Compounds</u>	
trans-1,2-Dichloroethene	<1.00 ug/L		
1,2-Dichloropropane	<1.00 ug/L	MTBE	< 5.00 ug/L
1,3-Dichloropropane	<1.00 ug/L	IPE	< 5.00 ug/L
2,2-Dichloropropane	<1.00 ug/L		
1,1-Dichloropropene	<1.00 ug/L		
1,2-Dichloropropene	<1.00 ug/L		

I hereby certify that I have reviewed and approve these data.

v. P. Smith
Laboratory Representative

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Meritech Inc.

Environmental Laboratories
A Division of Water Technology and Controls

Client Name	Paragon Environmental Consultants, Inc.	Laboratory Name	MERITECH, INC.
Project Name	P-766 B	NC Certification # (Lab)	#165
Site Location	B & C Grocery	Sample Matrix	Water

VPH (Aliphatics/Aromatics) Sample Information and Analytical Results

Method for Ranges: MADEP VPH VPH Surrogate Standards Aliphatic: 2,5-Dibromtoluene Aromatic: 2,5-Dibromtoluene		Sample Identification			Trip Blank	MW-1
		Lab Identification			Trip Blank	01100827
		Collection Option (for soil)*			N/A	N/A
		Date Collected			01/10/08	01/10/08
		Date Received			01/10/08	01/10/08
		Date Extracted			N/A	N/A
		Date Analyzed			01/14/08	01/14/08
		% Dry Solids			N/A	N/A
		Dilution Factor			N/A	N/A
Hydrocarbon Ranges	Units of Measure	MDL	RL	Blank		
C5 - C8 Aliphatics*	ug/L	4.58	20.0	< 20.0	< 20.0	< 20.0
C9 - C12 Aliphatics*	ug/L	2.84	10.0	< 10.0	< 10.0	< 10.0
C9- C10 Aromatics*	ug/L	1.24	10.0	< 10.0	< 10.0	< 10.0
Sample Surrogate Acceptance Range				70 - 130%	70 - 130%	70 - 130%
Aromatic Surrogate % Recovery - PID				88%	66%**	87%
Aliphatic Surrogate % Recovery - FID				94%	74%	94%
* Option 1 = Establish fill line on vial Option 2 = Sampling Device (indicate brand, e.g.EnCore TM) Option 3 = Field weigh of soil						
* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.						
** Surrogate exceeds limits (70 - 130%).						
MDL = Method Detection Limit RL = Reporting Limit Blank = Laboratory Method Blank						

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved?
(YES) NO - Details Attached

Was blank correction applied as a significant modification of the method?
YES (NO)

Were any significant modifications to the VPH method made?
(NO) YES - Details Attached

Reviewed By re. 25th

Chain of Custody Record (COC)

**MERITECH INC.**

Environmental Laboratories

A Division of Water Technology and Control, Inc.

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Reidsville, NC
27320Phone: 1-336-342-4748
Fax: 1-336-342-1522
Email: wtclab@bellsouth.net
Web Site: www.meritech-labs.com**PARAGON**

Environmental Consultants, Inc.

P.O. Box 157

Thomasville, NC 27361

(336) 632-0037

Address:

Attention:

Blancher Moore

NPDES #:

Phone:

Fax:

(336) 176-7718

Email:

Project:

B+C Green

PO #:

P-766B

Turn Around Time*

Std (10 days)

☒

3 - 5 Day

☐

24 - 48 Hr

☐

Sample

Sampling Dates & Times

Person Taking Sample (Signature):

Blancher Moore

Lab Use Only

Location/ID #

START

END

Comp?
Grab?# of
Conts.

Tests Required

On
Ice?pH OK?
C12 OK?

Monitor Well #1 (ALV1)

1/10/08

12:15 P

6

7

M-HAL 62100 + MTBE, IPE 2 VPH +
30300 *Lead*

1.2

<2

1/10

Blank

10

2

62100 VPH

Method of Shipment:

Dechlorination (< 0.5 ppm) of Ammonia, Cyanide, Phenol or TKN samples must be done in the field prior to preservation.

Comments:

☐ UPS☐ Fed Ex☒ Hand Delivery☐ Other

Will these results be used for regulatory purposes?

Yes

☒

No

☐

*RUSH work must be approved prior to submitting samples.

Relinquished by:

Blancher Moore

Date:

1-10-08

Time:

1:07pm

Received by:

Claudia Green

Date:

1-10-08

Time:

1:07pm

Relinquished by:

Claudia Green

Date:

Time:

Received by:

Q. Petty

Date:

1-10-08

Time:

1:15

Relinquished by:

Q. Petty

Date:

1-10-08

Time:

1:55

Received at lab by:

John Mark

Date:

1/10/08

Time:

1:55